

Gulf of Mexico Harmful Algal Bloom Bulletin

6 November 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: October 30, 2007

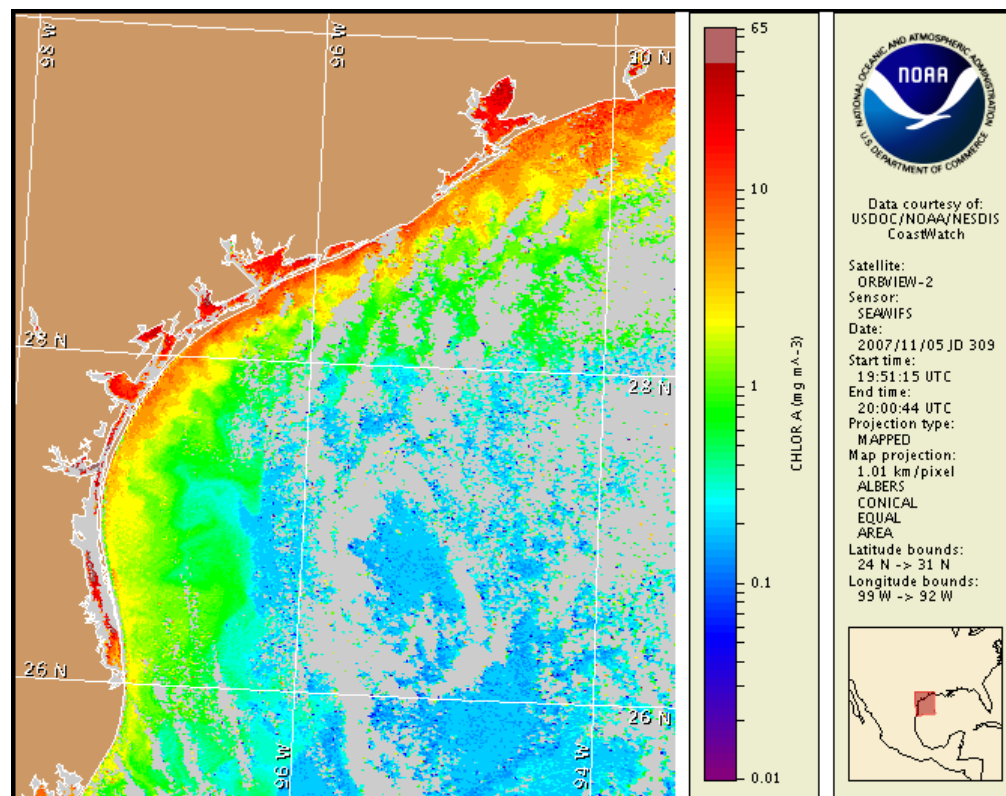
Conditions Report

There have been no recent reports of red tide. No impacts are expected along the Texas coast.

Analysis

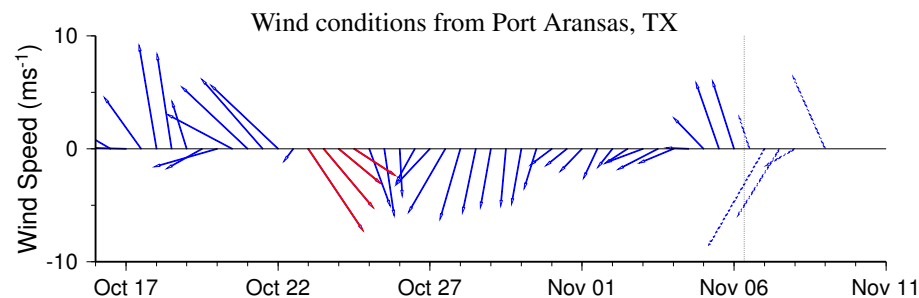
High chlorophyll is observed along much of the Texas coast, consistent with previous bulletins. There have been no recent reports of red tide. High winds this week will likely cause resuspension, resulting in high chlorophyll and increased turbidity.

-Lopez, Tomlinson



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from October 28 to November 5 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

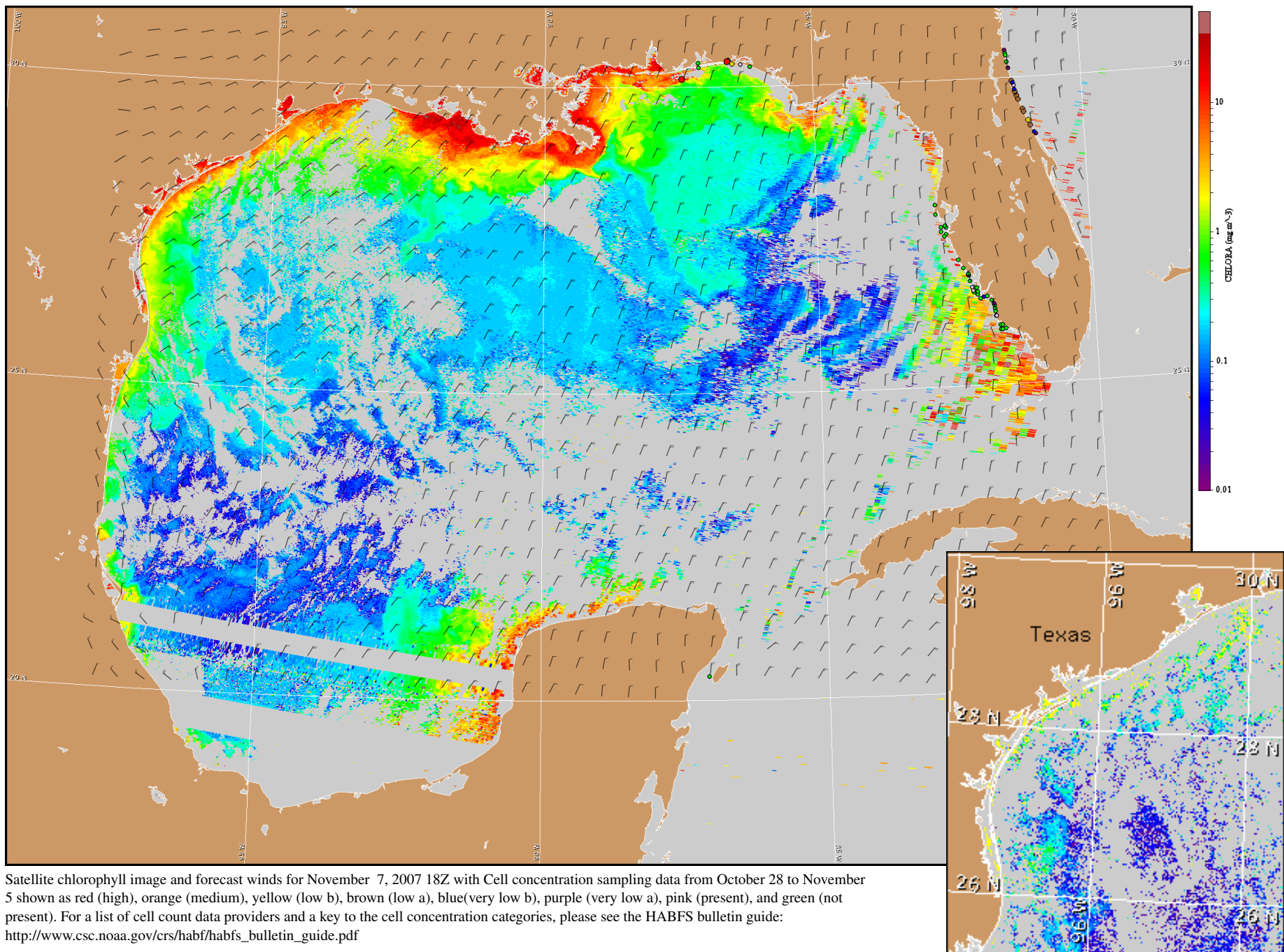


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Today and tomorrow, north/northeast winds around 15-20 knots. Wednesday, east winds at 10-15 knots. Thursday and Friday, southeast winds at 10-15 knots.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for November 7, 2007 18Z with Cell concentration sampling data from October 28 to November 5 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habfs/habfs_bulletin_guide.pdf

Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).